

Pre Amendment
7-20-04

AMENDMENTS TO THE CLAIMS

1. **(Original)** A *Helicobacter pylori* adhesion inhibitor comprising, as an active ingredient, a product of browning reaction of sugar and protein.
2. **(Original)** The *Helicobacter pylori* adhesion inhibitor according to claim 1, wherein the protein is at least one member selected from the group consisting of plant proteins derived from wheat, barley, rice, corn, soybeans, or red beans, and animal proteins derived from milk, eggs, fish, or meat.
3. **(Currently Amended)** The *Helicobacter pylori* adhesion inhibitor according to claim 1 ~~or~~ 2, wherein the sugar is at least one member selected from the group consisting of D-glucose, D-fructose, D-mannose, D-galactose, D-xylose, L-arabinose, D-ribose, and lactose.
4. **(Original)** A method for producing a *Helicobacter pylori* adhesion inhibitor comprising a step of subjecting sugar and protein to a browning reaction in an aqueous solution.
5. **(Original)** A method for producing a *Helicobacter pylori* adhesion inhibitor comprising a step of subjecting food comprising sugar and protein to a browning reaction in an aqueous solution.
6. **(Currently Amended)** The method according to claim 4 ~~or~~ 5, wherein the protein is at least one member selected from the group consisting of plant proteins derived from wheat, barley, rice, corn, soybeans, or red beans, and animal proteins derived from milk, eggs, fish, or meat.
7. **(Currently Amended)** The method according to claim 4 ~~or~~ 5, wherein the sugar is at least one member selected from the group consisting of D-glucose, D-fructose, D-mannose, D-galactose, D-xylose, L-arabinose, D-ribose, and lactose.

8. **(Original)** The method according to claim 5, wherein the food is raw cow's milk, milk powder, skim milk powder, whey, or evaporated milk.

9. **(Currently Amended)** The method according to ~~any one of claims 4 to 8~~ claim 4, wherein the browning reaction is carried out until absorbance at 405 nm becomes at least 0.01 in a 5% aqueous solution.

10. **(Original)** A *Helicobacter pylori* adhesion inhibitor comprising a product of browning reaction of sugar and protein, and an inhibitor of gastric-acid secretion.

11. **(Original)** A *Helicobacter pylori* adhesion inhibitor comprising a product of browning reaction of sugar and protein, and other substances capable of eradicating *Helicobacter pylori*.

12. **(Original)** The adhesion inhibitor according to claim 11, wherein the substance is at least one member selected from the group consisting of polyphenol, an antibiotic, an antibody against *Helicobacter pylori*, and a polysaccharide or glycoprotein capable of binding to a *Helicobacter pylori* adhesin, urease.

13. **(Currently Amended)** A pharmaceutical composition for preventing or treating diseases associated with *Helicobacter pylori* comprising the *Helicobacter pylori* adhesion inhibitor according to ~~any one of claims 1 to 3 and claims 10 to 12~~ claim 1.

14. **(Currently Amended)** Food for preventing or ameliorating diseases associated with *Helicobacter pylori* comprising the *Helicobacter pylori* adhesion inhibitor according to ~~any one of claims 1 to 3 and claims 10 to 12~~ claim 1.

15. **(New)** A method for inhibiting *Helicobacter pylori* adhesion comprising administering to a subject an effective amount of a product of browning reaction of sugar and protein.

16. **(New)** The method according to claim 15, wherein the protein is at least one member selected from the group consisting of plant proteins derived from wheat, barley,

rice, corn, soybeans, or red beans, and animal proteins derived from milk, eggs, fish, or meat.

17. (New) The method according to claim 15, wherein the sugar is at least one member selected from the group consisting of D-glucose, D-fructose, D-mannose, D-galactose, D-xylose, L-arabinose, D-ribose and lactose.

18. (New) A method for inhibiting *Helicobacter pylori* adhesion comprising administering to a subject an effective amount of a product of browning reaction of sugar and protein, and an inhibitor of gastric-acid secretion.

19. (New) A method for preventing or treating diseases associated with *Helicobacter pylori* comprising administering to a subject an effective amount of a product of browning reaction of sugar and protein.

20. (New) A method for preventing or treating diseases associated with *Helicobacter pylori* comprising administering to a subject an effective amount of a product of browning reaction of sugar and protein, and an inhibitor of gastric-acid secretion.

21. (New) A method for preventing or treating diseases associated with *Helicobacter pylori* comprising administering to a subject an effective amount of a product of browning reaction of sugar and protein, and other substances capable of eradicating *Helicobacter pylori*.